

This listing of claims will replace all prior versions, and listings of claims in this Application:

Listing of Claims:

Claim 1 (currently amended): A method for detection of one or more specific cells target analytes in a sample, comprising,

- a) providing a sample and binding antibodies to a treating said sample with at least one antibody specific to an antigenic marker on a target analyte for forming a complex that fixes at least one complement molecule;
- b) activating the complement cascade for producing at least one inactive complement peptide (ICP); and
- c) amplifying said production of said ICP by employing at least one lipid membrane;
- d) measuring the presence of ICP ;and
- e) detecting said target analyte wherein the quantity of ICP is directly proportional to the number of said target analyte in said sample.

Claim 2 (original): The method of Claim 1, wherein the antigenic marker is on a cell.

Claim 3 (withdrawn)

Claim 4 (original): The method of Claim 1, wherein the complement cascade is the classical complement cascade.

Claim 5 (withdrawn)

Claim 6 (currently amended): The method of Claim 1, wherein the binding antibodies antibody comprises a pair of antibodies linked together.

Claim 7 (original): The method of Claim 1, wherein the ICP measured is C3a.

Claim 8 (currently amended): A method for detecting a carcinogen, comprising

- a) providing a sample and binding antibodies to a treating said sample with at least one antibody specific to an antigenic marker on a carcinogen for forming a complex that fixes at least one complement molecule;

- b) activating the complement cascade for producing at least one inactive complement peptide (ICP); and
- c) amplifying said production of said ICP by employing at least one lipid membrane;
- d) measuring the presence of ICP; and
- e) detecting said carcinogen wherein the quantity of said ICP is directly proportional to the number of said carcinogen in said sample.

Claim 9 (withdrawn)

Claim 10 (original): The method of Claim 4 8, wherein the complement cascade is the classical complement cascade.

Claim 11 (withdrawn)

Claim 12 (currently amended): A method for detecting a cancerous cell, comprising

- a) providing a sample and binding antibodies to a treating said sample with at least one antibody specific to an antigenic marker on a cancerous cell for forming a complex that fixes at least one complement molecule;
- b) activating the complement cascade for producing at least one inactive complement peptide (ICP); and
- c) amplifying said production of said ICP by employing at least one lipid membrane;
- d) measuring the presence of ICP; and
- e) detecting said carcinogen wherein the quantity of said ICP is directly proportional to the number of said carcinogen in said sample.

U.S. Patent Application Serial No. 09/776,568
Amendment dated May 16, 2003
Reply to Office Action dated November 19, 2002

Amendments to the Drawings:

The Applicant attaches replacement sheets 1-4 having Figures 1-4, respectively. The replacement sheets 1-4 replace the original sheets 1-4 having Figures 1-4, respectively. The replacement sheets 1-4 correct the Official Draftsperson's objections concerning the top margins of original sheets 1-4, Figures 1-4, respectively. No new matter has been added.

Attachment: Replacement sheets 1-4 having Figures 1-4, respectively.